

ABSTRACT

A cluster includes hosts, a fabric including switches with forwarding tables, and I/O enclosures. I/O controllers that are within the I/O enclosures are assigned to the hosts by a subnet manager. A fabric control driver within each host determines a list of drivers which correspond to the I/O controllers assigned to the host and that need to be loaded into the host. Before loading the drivers into the host, the fabric control driver sends a verification message for each driver to the I/O enclosure containing the I/O controller that corresponds to the driver. As responses to the verification messages are received, the fabric control driver loads drivers and modifies the list of drivers accordingly.